Freeform Search

Database:	US Pre-Grant Publication Full-Text Database US Patents Full-Text Database US OCR Full-Text Database EPO Abstracts Database JPO Abstracts Database Derwent World Patents Index IBM Technical Disclosure Bulletins	
Term:	L28 not 121	
	Documents in Display Format: - C Hit List • Hit Count C Side by Side C	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
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DATE: Thursday, July 21, 2005 Printable Copy Create Case

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DB=P	GPB,USPT; PLUR=YES; OP=OR		!	deminate
<u>L29</u>	L28 not l21	26	129 - will	cominate
<u>L28</u>	124 and L27	34	<u>L28</u>	•
<u>L27</u>	(800/278).ccls. or (800/281).ccls.	2725	<u>L27</u>	
<u>L26</u>	124 and L25	78	<u>L26</u>	
<u>L25</u>	transform\$ or transgen\$	511401	<u>L25</u>	
<u>L24</u>	120 and L23	102	<u>L24</u>	
<u>L23</u>	maize or corn or zea	121618	<u>L23</u>	•
<u>L22</u>	L21 not 118	0	<u>L22</u> . • //	
<u>L21</u>	110 and L20	8	121 - WIII	dominate
<u>L20</u>	112	189	<u>L20</u>	
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<u>L19</u>	L18 not 114	2	<u>L19</u>	
<u>L18</u>	112 and 110	8	<u>L18</u>	
<u>L17</u>	L16 not 15	1	<u>L17</u>	
<u>L16</u>	14 and 112	1	<u>L16</u>	
<u>L15</u>	12 and 112	0	<u>L15</u>	

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<u>L10</u>	(800/320.1).ccls.	1566	<u>L10</u>	
<u>L9</u>	ll and L8	0	<u>L9</u>	
<u>L8</u>	kirihara.in.	110	<u>L8</u>	
<u>L7</u>	11 and 12	0	<u>L7</u>	
<u>L6</u>	L5	1	<u>L6</u>	
DB=U	SPT; PLUR=YES; OP=OR			
<u>L5</u>	ll and L4	1	· <u>L5</u>	
<u>L4</u>	walters.in.	78192	<u>L4</u>	
<u>L3</u>	11 and L2	. 0	<u>L3</u>	
<u>L2</u>	lundquist.in.	550	<u>L2</u>	
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END OF SEARCH HISTORY

Clear Generate Collection Print **Fwd Refs Bkwd Refs** Generate OACS

Search Results - Record(s) 1 through 1 of 1 returned.

1. Document ID: US 6803499 B1

L5: Entry 1 of 1

File: USPT

Oct 12, 2004

US-PAT-NO: 6803499

DOCUMENT-IDENTIFIER: US 6803499 B1

** See image for <u>Certificate of Correction</u> **

TITLE: Methods and compositions for the production of stably transformed, fertile

monocot plants and cells thereof

Full	Title Citation Front	t Review CI	assification	Date Refer	ence		CI	aims Koon	Draws De
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L5: Entry 1 of 1

File: USPT

Oct 12, 2004

DOCUMENT-IDENTIFIER: US 6803499 B1

** See image for <u>Certificate of Correction</u> **

TITLE: Methods and compositions for the production of stably transformed, fertile

monocot plants and cells thereof

INVENTOR (9):

Walters; David A.

INVENTOR (10):

Walters; Donald S.

CLAIMS:

1. A process for producing a product for animal or human consumption comprising: a) providing a fertile transgenic Zea mays plant comprising heterologous DNA encoding one or more preselected proteins, RNA transcripts or mixtures thereof, wherein said DNA is heritable, comprises a selectable marker gene, and comprises a DNA sequence encoding a fatty acid desaturase, so that the transgenic plant exhibits altered oil quantity or quality as compared to the corresponding untransformed maize plant that does not comprise said DNA, b) cultivating said transgenic Zea mays plant; and c) preparing a product for animal or human consumption from said plant.

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Search Results - Record(s) 1 through 1 of 1 returned.

1. Document ID: US 6803499 B1

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Full Title Citation Front R	eview Classification Date Reference	Claims	KWMC Drawe Des
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Generate OACS

Search Results - Record(s) 1 through 10 of 13 returned.

1. Document ID: US 6570008 B1

L11: Entry 1 of 13

File: USPT

May 27, 2003

US-PAT-NO: 6570008

DOCUMENT-IDENTIFIER: US 6570008 B1

** See image for <u>Certificate of Correction</u> **

TITLE: Modification of starch biosynthetic enzyme gene expression to produce

starches in grain crops

Full Title Citation Front Review Classification Date Retaience Claims KWC Draw De Claims Claims KWC Draw De Claims De Claims KWC Draw De Claims De Claims KWC Draw De Claims De Claim

US-PAT-NO: 6392120

DOCUMENT-IDENTIFIER: US 6392120 B1

TITLE: Modification of starch biosynthetic enzyme gene expression to produce

starches in grain crops

Full Title Citation Front Review Classification Date Reference Claims RUNC Draw De

3. Document ID: US 6376749 B1

L11: Entry 3 of 13 File: USPT Apr 23, 2002

US-PAT-NO: 6376749

DOCUMENT-IDENTIFIER: US 6376749 B1

TITLE: Starches via modification of expression of starch biosynthetic enzyme genes

4. Document ID: US 6350934 B1

L11: Entry 4 of 13 File: USPT Feb 26, 2002

US-PAT-NO: 6350934

DOCUMENT-IDENTIFIER: US 6350934 B1

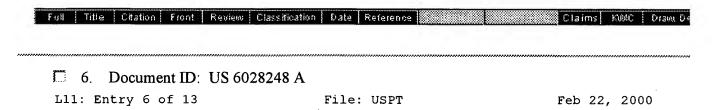
TITLE: Nucleic acid encoding delta-9 desaturase

Full Title Citation Front Review Classification Date Reference Claims KWC Draw Date State Claims Company Date Claims Company D

US-PAT-NO: 6051755

DOCUMENT-IDENTIFIER: US 6051755 A

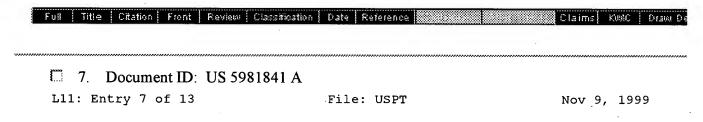
TITLE: Modification of plant lipids and seed oils utilizing yeast SLC genes



US-PAT-NO: 6028248

DOCUMENT-IDENTIFIER: US 6028248 A

TITLE: Plant fatty acid hydroxylase



US-PAT-NO: 5981841

DOCUMENT-IDENTIFIER: US 5981841 A

TITLE: Early seed 5' regulatory sequence

Full Title Citation Front Review Ci.	assification Date Reference	Claims KMC Draw D
8. Document ID: US 5977	436 A	
L11: Entry 8 of 13	File: USPT	Nov 2, 1999

US-PAT-NO: 5977436

DOCUMENT-IDENTIFIER: US 5977436 A

** See image for <u>Certificate of Correction</u> **

TITLE: Oleosin 5' regulatory region for the modification of plant seed lipid

composition

9. Document ID: US 5959175 A

L11: Entry 9 of 13

File: USPT

Sep 28, 1999

US-PAT-NO: 5959175

DOCUMENT-IDENTIFIER: US 5959175 A

TITLE: Sunflower albumin 5' regulatory region for the modification of plant seed

lipid composition

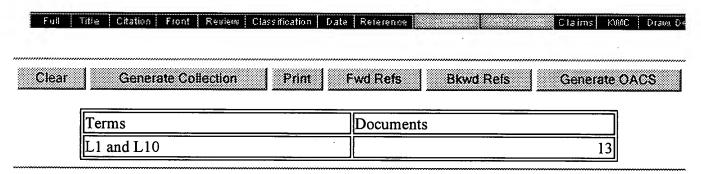
Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KMIC | Draw Do

US-PAT-NO: 5777201

DOCUMENT-IDENTIFIER: US 5777201 A

** See image for <u>Certificate of Correction</u> **

TITLE: Modification of vegetable oils using desaturase



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Clear Generate Collection Print Fwd Refs **Bkwd Refs** Generate OACS

Search Results - Record(s) 11 through 13 of 13 returned.

11. Document ID: US 5689050 A

L11: Entry 11 of 13

File: USPT

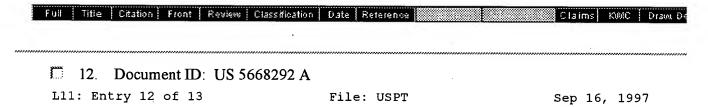
Nov 18, 1997

US-PAT-NO: 5689050

DOCUMENT-IDENTIFIER: US 5689050 A

** See image for <u>Certificate of Correction</u> **

TITLE: Production of gamma linolenic acid by a .DELTA.6-desaturase



US-PAT-NO: 5668292

DOCUMENT-IDENTIFIER: US 5668292 A

TITLE: Use of plant fatty acyl hydroxylases to produce hydroxylated fatty acids and

derivatives in plants

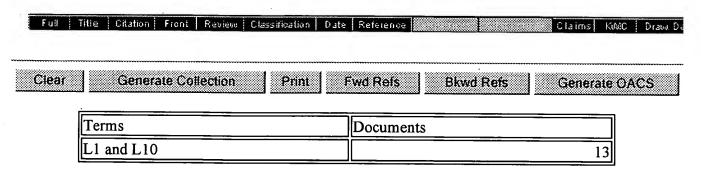
Full Title Citation Front Review C	lassification Date Reference	Claims KOMO Drawa De
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13. Document ID: US 561	4393 A	
L11: Entry 13 of 13	File: USPT	Mar 25, 1997

US-PAT-NO: 5614393

DOCUMENT-IDENTIFIER: US 5614393 A

** See image for <u>Certificate of Correction</u> **

TITLE: Production of .gamma.-linolenic acid by a .DELTA.6-desaturase



Display Format: - Change Format

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Clear Generate Collection Print Fwd Refs Bkwd Refs
Generate OACS

Search Results - Record(s) 1 through 6 of 6 returned.

1. Document ID: US 6350934 B1

L14: Entry 1 of 6

File: USPT

Feb 26, 2002

Nov 2, 1999

US-PAT-NO: 6350934

DOCUMENT-IDENTIFIER: US 6350934 B1

TITLE: Nucleic acid encoding delta-9 desaturase

Full Title Citation Front Review Classification Date Reference Claims KMC Draw De Claims Document ID: US 5977436 A

File: USPT

US-PAT-NO: 5977436

DOCUMENT-IDENTIFIER: US 5977436 A

L14: Entry 2 of 6

** See image for <u>Certificate of Correction</u> **

TITLE: Oleosin 5' regulatory region for the modification of plant seed lipid

composition

Full Title Citation Front Review Classification Date Reference Claims KNNC Drawn De

3. Document ID: US 5959175 A

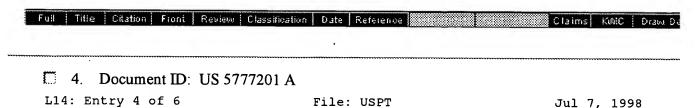
L14: Entry 3 of 6 File: USPT Sep 28, 1999

US-PAT-NO: 5959175

DOCUMENT-IDENTIFIER: US 5959175 A

TITLE: Sunflower albumin 5' regulatory region for the modification of plant seed

lipid composition

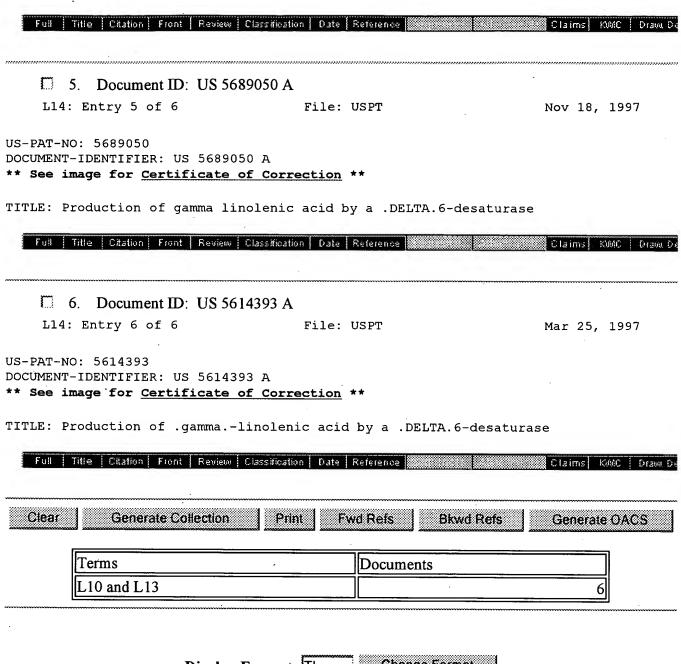


US-PAT-NO: 5777201

DOCUMENT-IDENTIFIER: US 5777201 A

** See image for Certificate of Correction **

TITLE: Modification of vegetable oils using desaturase



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Clear Generate Collection Print Fwd Refs Bkwd Refs
Generate OACS

Search Results - Record(s) 1 through 1 of 1 returned.

1. Document ID: US 5130061 A

L17: Entry 1 of 1

File: USPT

Jul 14, 1992

US-PAT-NO: 5130061

DOCUMENT-IDENTIFIER: US 5130061 A

TITLE: Process for the extraction of polyunsaturated fatty acid esters from fish

oils

Full Title Citation Front Review C	lassification Date Reterence	Claims KMC Draw De
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L17: Entry 1 of 1

File: USPT

Jul 14, 1992

DOCUMENT-IDENTIFIER: US 5130061 A

TITLE: Process for the extraction of polyunsaturated fatty acid esters from fish

oils

INVENTOR (2):

Di Fulvio; Walter

#### Brief Summary Text (5):

Among these, particularly important are the long chain members of the .omega.-3-family, i.e. eicosapentaenoic (20:5.omega.-3) or EPA and docosahexaenoic (22:6.omega.-3) or DHA acids, derivating from desaturation and elongation of .alpha.-linolenic acid, thanks to the intervention of the related enzymes (.DELTA.-desaturase).

#### Brief Summary Text (8):

Recent studies evidenced a decrease in <u>.DELTA.-6 desaturase</u> in man as the age goes on (after 35 years); said phenomenon causes thus an endogenous lack in the above mentioned acids, which therefore should be administered through diet or by means of suitable compositions. However, various practical difficulties opposed up to now a wide use of said acids in therapy or as alimentary integrators, which use on the other hand should be highly desirable, in view of the above reported biochemical and pharmacological considerations.

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### Search Results - Record(s) 1 through 2 of 2 returned.

1. Document ID: US 6706950 B2

L19: Entry 1 of 2

File: USPT

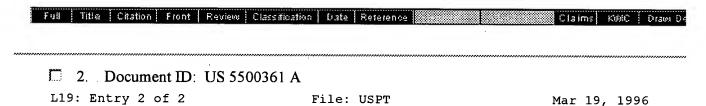
Mar 16, 2004

US-PAT-NO: 6706950

DOCUMENT-IDENTIFIER: US 6706950 B2

TITLE: Nucleic acid sequences encoding .beta.-ketoacyl-ACP synthase and uses

thereof



US-PAT-NO: 5500361

DOCUMENT-IDENTIFIER: US 5500361 A

TITLE: .beta.-ketoacyl-ACP synthetase II genes from plants

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**Search Results -** Record(s) 1 through 10 of 26 returned.

1. Document ID: US 6872872 B1

L29: Entry 1 of 26

File: USPT

Mar 29, 2005

US-PAT-NO: 6872872

DOCUMENT-IDENTIFIER: US 6872872 B1

TITLE: Genes for microsomal delta-12 fatty acid desaturases and related enzymes

from plants

Full Title Citation Front Review Classification Date Reference Claims KWC Draw. De 2. Document ID: US 6864362 B2

L29: Entry 2 of 26

File: USPT

Mar 8, 2005

US-PAT-NO: 6864362

DOCUMENT-IDENTIFIER: US 6864362 B2

TITLE: Hypoallergenic transgenic soybeans

Full Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWC | Draw De |

| 3 Document ID: US 6838594 B1
| L29: Entry 3 of 26 | File: USPT | Jan 4, 2005

US-PAT-NO: 6838594

DOCUMENT-IDENTIFIER: US 6838594 B1

TITLE: Limnanthes oil genes

Full Title Citation Front Review Classification Date Reterence Claims KNMC Draws De Claims Claims KNMC Draws De Claims Claims Claims KNMC Draws De Claims Claims KNMC Draws De Claims Claims KNMC Draws De Claims Control De Claims Control De Claims De Cla

US-PAT-NO: 6825335

DOCUMENT-IDENTIFIER: US 6825335 B1

TITLE: Synthetic fatty acid desaturase gene for expression in plants

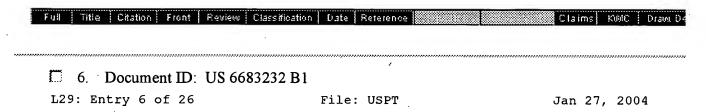
Full Title Citation Front Review Classification Date Reference Claims KWC Draw De Claims LOWC De

US-PAT-NO: 6762345

DOCUMENT-IDENTIFIER: US 6762345 B1

** See image for Certificate of Correction **

TITLE: Plant stearoyl desaturases



US-PAT-NO: 6683232

DOCUMENT-IDENTIFIER: US 6683232 B1

TITLE: Production of .gamma. linolenic acid by a .DELTA.6-desaturase

Full Title Citation Front Review	Classification   Date   Reference	Claims KWW Draw Da
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7. Document ID: US 659	3514 B1	
L29: Entry 7 of 26		

US-PAT-NO: 6593514

DOCUMENT-IDENTIFIER: US 6593514 B1

TITLE: Method for the production of calendic acid, a fatty acid containing delta-8,10,12 conjugated double bonds and related fatty acids having a modification at the delta-9 position

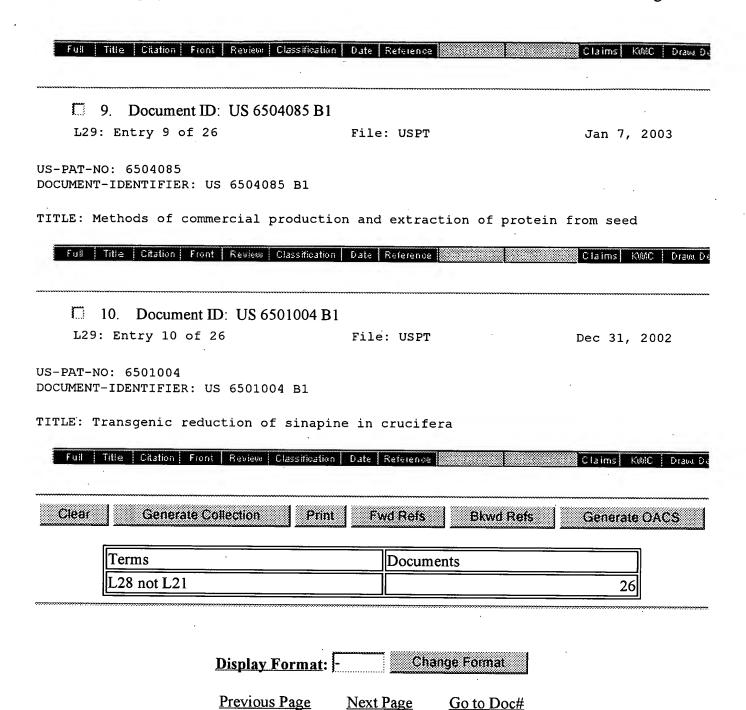
Full Title Citation Front	Review Classification	Date	Reference	Claims	KWIC	Drawa Di
8. Document ID:	US 6537750 B1		,			***************************************

US-PAT-NO: 6537750

DOCUMENT-IDENTIFIER: US 6537750 B1

** See image for <u>Certificate of Correction</u> **

TITLE: Plant fatty acid desaturase promoters



Clear Generate Collection Print Fwd Refs Bkwd Refs
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Search Results - Record(s) 11 through 20 of 26 returned.

11. Document ID: US 6495738 B1

L29: Entry 11 of 26

File: USPT

Dec 17, 2002

US-PAT-NO: 6495738

DOCUMENT-IDENTIFIER: US 6495738 B1

TITLE: Modification of fatty acid composition in plants by expression of a fungal

acyl-CoA desaturase

Full | Title | Citation | Front | Review | Classification | Date | Reference | Classification | Date | Classificat

12. Document ID. US 0463006 B

L29: Entry 12 of 26

File: USPT

Nov 19, 2002

US-PAT-NO: 6483008

DOCUMENT-IDENTIFIER: US 6483008 B1

TITLE: Methods for producing plants with elevated oleic acid content

Full Title Citation Front Review Classification Date Reference Claims KURC Draw Do

13. Document ID: US 6465717 B1

L29: Entry 13 of 26

File: USPT

Oct 15, 2002

US-PAT-NO: 6465717

DOCUMENT-IDENTIFIER: US 6465717 B1

TITLE: Sterol metabolism enzymes

Full Title Citation Front Review Classification Date Reference Claims KNAC | Draw De

L29: Entry 14 of 26

File: USPT

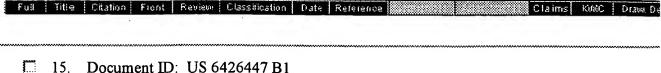
Jul 30, 2002

US-PAT-NO: 6426448

DOCUMENT-IDENTIFIER: US 6426448 B1

** See image for <u>Certificate of Correction</u> **

TITLE: Gene combinations that alter the quality and functionality of soybean oil



3...: 13. Document ID. US 0420447 b)

L29: Entry 15 of 26

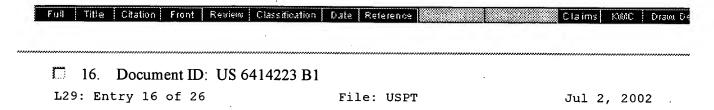
File: USPT

Jul 30, 2002

US-PAT-NO: 6426447

DOCUMENT-IDENTIFIER: US 6426447 B1

TITLE: Plant seed oils



US-PAT-NO: 6414223

DOCUMENT-IDENTIFIER: US 6414223 B1

TITLE: Plants, seeds and oils having an elevated total monounsaturated fatty acid

content

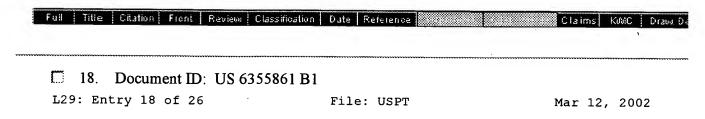
Full   Title   Citation   Front   Review   Cla	ssification Date Reference	Claims KWC Draw D
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☐ 17. Document ID: US 6372	2965 B1	

US-PAT-NO: 6372965

DOCUMENT-IDENTIFIER: US 6372965 B1

TITLE: Genes for microsomal delta-12 fatty acid desaturases and hydroxylases from

plants



US-PAT-NO: 6355861

DOCUMENT-IDENTIFIER: US 6355861 B1

TITLE: Production of gamma linolenic acid by a .DELTA.6-desaturase



19. Document ID: US 6342658 B1

L29: Entry 19 of 26

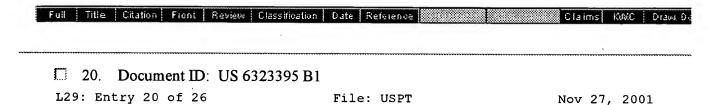
File: USPT

Jan 29, 2002

US-PAT-NO: 6342658

DOCUMENT-IDENTIFIER: US 6342658 B1

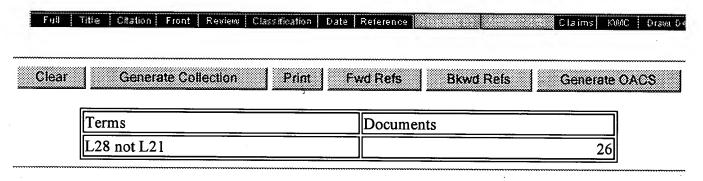
TITLE: Fatty acid desaturases and mutant sequences thereof



US-PAT-NO: 6323395

DOCUMENT-IDENTIFIER: US 6323395 B1

TITLE: Nucleotide sequences of  $\underline{\text{maize}}$  and soybean .beta.-Ketoacyl-Acyl Carrier Protein Synthase II and their use in the regulation of fatty acid content of oil



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Search Results - Record(s) 21 through 26 of 26 returned.

21. Document ID: US RE37317 E

L29: Entry 21 of 26

File: USPT

Aug 7, 2001

US-PAT-NO: RE37317

DOCUMENT-IDENTIFIER: US RE37317 E

TITLE: Nucleotide sequences of canola and soybean palmitoyl-ACP thioesterase genes and their use in the regulation of fatty acid content of the oils of soybean and canola plants

Full Title Citation Front Review Classification Date Reterence Claims KNNC Draws De Claims Claims De Claims KNNC Draws De Claims De Cl

US-PAT-NO: 6117677

DOCUMENT-IDENTIFIER: US 6117677 A

TITLE: Plant stearoyl-ACP desaturases genes

Full Title Citation Front Review Classification Date Reference Cla

File: USPT

US-PAT-NO: 5955650

DOCUMENT-IDENTIFIER: US 5955650 A

L29: Entry 23 of 26

TITLE: Nucleotide sequences of canola and soybean palmitoyl-ACP thioesterase genes and their use in the regulation of fatty acid content of the oils of soybean and canola plants

Full Title Citation Front Review Classification Date Reference

24. Document ID: US 5955329 A

L29: Entry 24 of 26

File: USPT

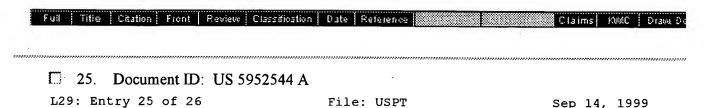
Sep 21, 1999

Sep 21, 1999

US-PAT-NO: 5955329

DOCUMENT-IDENTIFIER: US 5955329 A

TITLE: Engineering plant thioesterases for altered substrate specificity

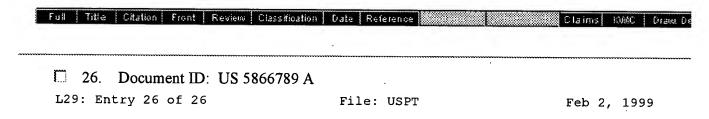


US-PAT-NO: 5952544

DOCUMENT-IDENTIFIER: US 5952544 A

** See image for <u>Certificate of Correction</u> **

TITLE: Fatty acid desaturase genes from plants

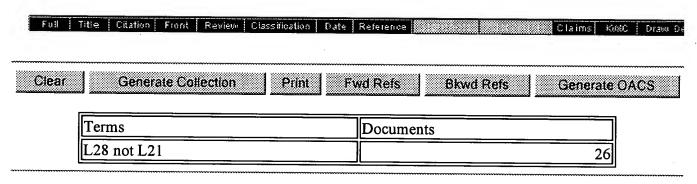


US-PAT-NO: 5866789

DOCUMENT-IDENTIFIER: US 5866789 A

** See image for <u>Certificate of Correction</u> **

TITLE: Fatty acid alteration by a 9 desaturase in transgenic plant tissue



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